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TRANSMITTAL FORM

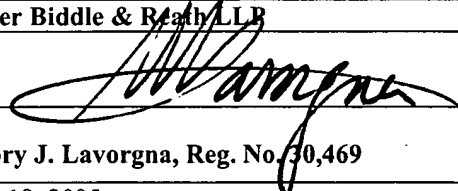
(to be used for all correspondence after initial filing)

		Application Number	10/512,021
		Filing Date	April 22, 2003
		First Named Inventor	Gary Eugene McVeigh
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	8	Attorney Docket Number	8830-296 (200898)

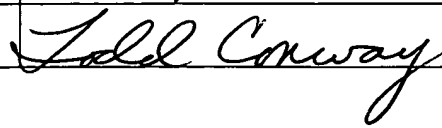
ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) – Figs. <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Notification of Missing Requirements
Remarks:		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Drinker Biddle & Reath LLP
Signature	
Printed Name	Gregory J. Lavorgna, Reg. No. 30,469
Date	March 18, 2005

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this paper, along with any documents referred to as being enclosed therewith, is being deposited with the United States Postal Service in an envelope addressed to U.S. Patent Office, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: March 18, 2005.		
Typed or printed name	Todd Conway	
Signature		Date: March 18, 2005

**FEE TRANSMITTAL
for FY 2005***Patent fees are subject to annual revision.*☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$65.00)**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit Account Number 50-0573Deposit Account Name Drinker Biddle & Reath LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee required under 37 CFR 1.16 and 1.17☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****EXTRA CLAIMS FEES FOR UTILITY AND REISSUE**

Total Claims * -20** = 0 X * = \$ 0

Independent Claims * - 3** = 0 X * = \$ 0

Multiple Independent + 360/180 = \$ 0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee Code	Fee Description
1202	50	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple dependent claim, if not paid
1204	200	2204	100	**Reissue independent claims over original patent
1205	50	2205	25	**Reissue claims in excess of 20 and over original patent

**or number previously paid, if greater; For Reissue, see above

SUBMITTED BY CUSTOMER NO. 23973

Complete (if applicable)

Name (Print/Type) **Gregory J. Lavorgna**Registration No.
(Attorney/Agent)**30,469**

Telephone

(215) 988-3909

Signature

Date

March 18, 2005**Complete if known**

Application Number	10/52,021
Filing Date	April 22, 2003
First Named Inventor	Gary Eugene McVeigh
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned

Attorney Docket No. **8830-296 (200898)****FEE CALCULATION (continued)****ADDITIONAL FEES**

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	65
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1503	1,100	2503	550	Plant issue fee	
1462	400	1462	400	Petition to the Commissioner - Group I	
1463	200	1463	200	Petition to the Commissioner - Group II	
1464	130	1464	130	Petition to the Commissioner - Group III	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Application of:

Confirmation No.: 1950

Gary Eugene McVeigh

Application No.: 10/512,021

Group Art Unit: Not Yet Assigned

International Filing Date: April 22, 2003

Examiner: Not Yet Assigned

Title: VASCULAR IMPEDANCE MEASUREMENT APPARATUS

Mail Stop Missing Parts – Missing Requirements

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

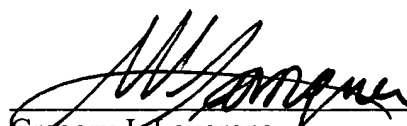
RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

Sir:

In response to the Notification of Missing Requirements, mailed March 9, 2005, Applicants submit the attached executed Declaration, and a check in the amount of \$65.00 to cover the surcharge fee.

If there are any further fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-0979.

Respectfully submitted,


 Gregory J. Lavorgna
 Registration No. 30,469
 DRINKER BIDDLE & REATH LLP
 One Logan Square
 18th and Cherry Streets
 Philadelphia, PA 19103-6996
 Tel: (215) 988-3309
 Fax: (215) 988-2757

PCT

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/512,021	FIRST NAMED APPLICANT Gary Eugene McVeigh	ATTY. DOCKET NO. 8830-296 (200898)
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INTERNATIONAL APPLICATION NO.

PCT/GB03/01729

I.A. FILING DATE

04/22/2003

PRIORITY DATE

04/19/2002

Gregory J Lavorgna
 Drinker Biddle & Reath LLP
 One Logan Square
 18th & Cherry Streets
 Philadelphia, PA 19103-6996

CONFIRMATION NO. 1950

371 FORMALITIES LETTER



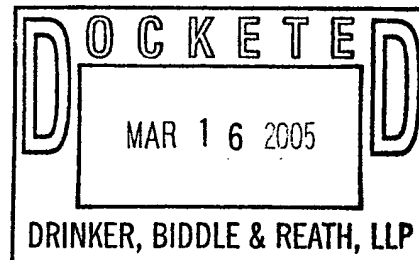
OC000000015356403

Date Mailed: 03/09/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 10/19/2004
- Copy of the International Search Report filed on 10/19/2004
- Preliminary Amendments filed on 10/19/2004
- Information Disclosure Statements filed on 10/19/2004
- Oath or Declaration filed on 10/19/2004
- Request for Immediate Examination filed on 10/19/2004
- U.S. Basic National Fees filed on 10/19/2004
- Priority Documents filed on 10/19/2004



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- \$65 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Late oath or declaration Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAREN R MCLEAN

Telephone: (703) 308-9140 EXT 214

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/512,021	PCT/GB03/01729	8830-296 (200898)

FORM PCT/DO/EO/905 (371 Formalities Notice)